

XP-002079251

1/1 - (C) WPI / DERWENT
AN - 90-146610 ç19!
AP - SU87 319526 871026
PR - SU87 319526 871026
TI - Adsorption-purificn. of vegetable oils - uses carbon
adsorbent produced from molybdenum carbide prodn. waste
by high temp. chlorination, to increase efficiency
IW - ADSORB PURIFICATION VEGETABLE OIL CARBON ADSORB PRODUCE
MOLYBDENUM CARBIDE PRODUCE WASTE HIGH TEMPERATURE
CHLORINATED INCREASE EFFICIENCY
IN - KLYUCHKIN V V; LEPININ V N; SABUROVA N P
PA - (LERE-R) LENG D. REFRIG IND
PN - SU1497206 A 890730 DW9019 000pp
ORD - 1989-07-30
IC - C11B3/10
FS - CPI
DC - D23 E31 J01 L02
AB - SU1497206 Use of a carbon adsorbent (I) obtd. by
chlorinating the Mo2C production waste at 500-1000 deg.
as adsorbent in adsorption purificn. of vegetable oils,
increases the efficiency of the process. The adsorbent
(I) has effective pore radius of 80-200 nm., vol. of
the micropores, mesopores and macropores of 0.25-0.26,
0.85-0.86 and 0.10-0.11 cm³/g resp., total porosity of
1.39 cm³/g, specific surface of the mesopores 490 m²/g
and characteristic energy of adsorption 15.1
kjoules/mole.
- ADVANTAGE - Higher quality product is obtd. more simply.
Bul.28/30.7.89 (3pp Dwg.No. 0/0)